

Group 0617 Presentation

- Tzu-Ching Yen
- Jiahe Lyu
- Zhuoyue Lyu

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Tzu-Ching Yen:

- Design and implement the game "Memory"
- Implemented feature to make “Sliding Tile” game solvable
- Unit tests for some of “Sliding Tile” and most of “Memory”

Jiahe Lyu:

- Design and implement the game "2048"
- Extract similar classes to a generic superclasses
- Unit tests for all about game “2048”

Zhuoyue Lyu:

- Refactor activity classes (Follow MVC pattern) and wrote the Instrumented tests for the controllers
- Connect the database and scoreboard with 2 new games.
- Redesign the UI and regroup classes into 5 packages

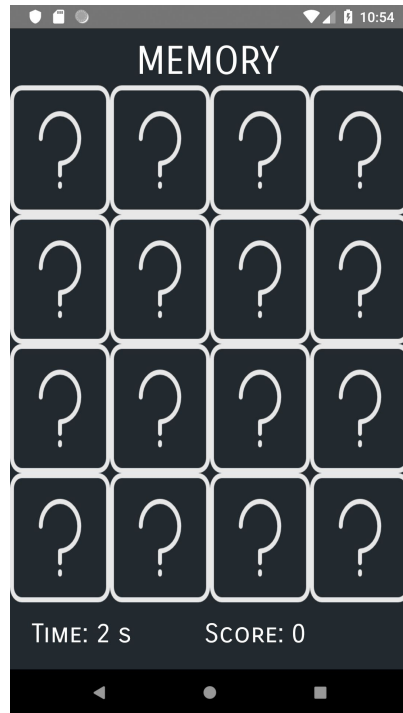
Major Contribution

Memory Game & Game Related Classes

Presented by:

Tzu-Ching Yen

- GenericBoard
- GenericBoardManager
- GenericTile



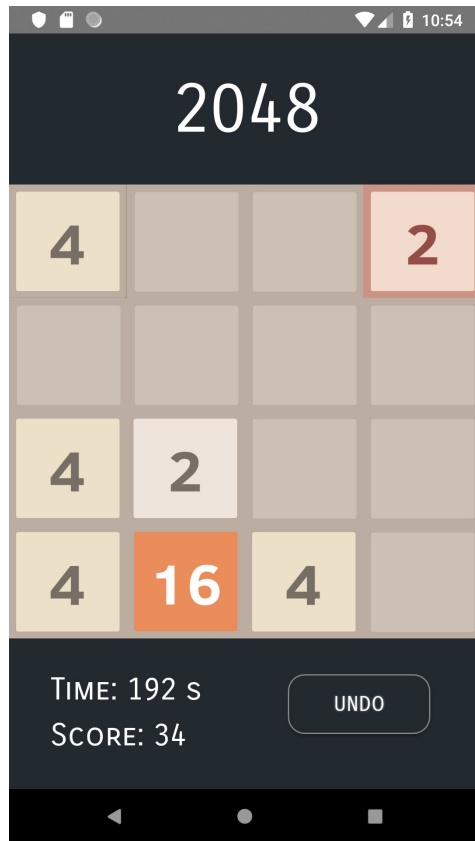
2048 Game & Generic Activities

Presented by:

Jiahe Lyu

 GenericGameActivity

 GenericStartingActivity



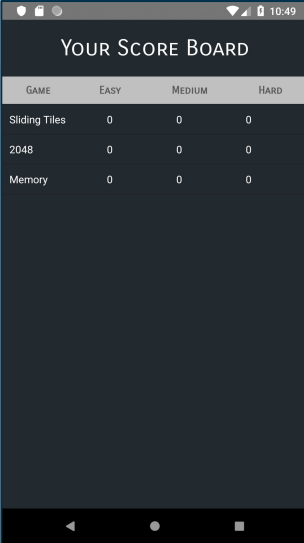
Database & Scoreboard

Presented by:

Zhuoyue Lyu

Involved:

- SQLite database
- Adapter pattern
- MVC pattern



GAME	EASY	MEDIUM	HARD
Sliding Tiles	0	0	0
2048	0	0	0
Memory	0	0	0

Testing

Test Summary

13
tests

0
failures

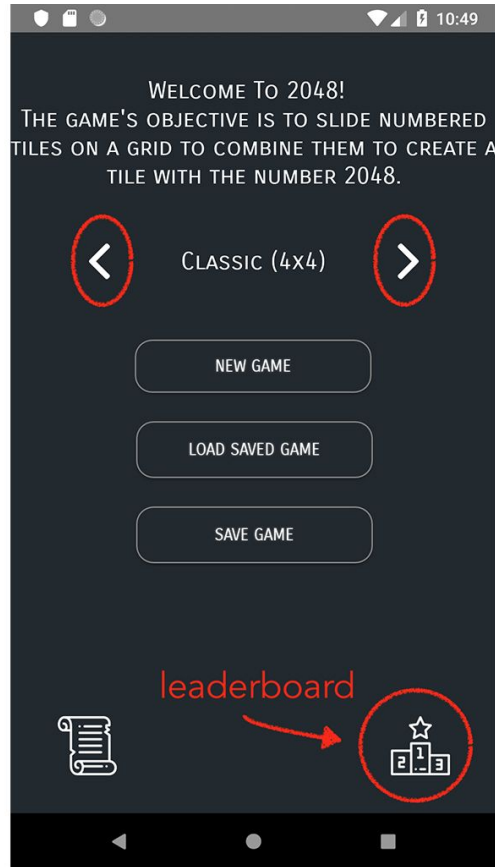
3.492s
duration

100%
successful

Packages

Classes

Class	Tests
group_0617.csc207.gamecentre.DatabaseHelperInstrumentedTest	6
group_0617.csc207.gamecentre.gameSlidingTiles.GameActivityControllerTest	1
group_0617.csc207.gamecentre.viewAndController.LeaderboardActivityControllerTest	2
group_0617.csc207.gamecentre.viewAndController.MovementControllerTest	1
group_0617.csc207.gamecentre.viewAndController.ResultBoardActivityControllerTest	2
group_0617.csc207.gamecentre.viewAndController.ScoreboardActivityControllerTest	1



LEADERBOARD

RANK	COMPETITORS	POINTS
1	Lucas	500
2	Brady	333
3	Lily	277

The screenshot shows the leaderboard of the 2048 game. The title "LEADERBOARD" is at the top. Below it is a table with three columns: "RANK", "COMPETITORS", and "POINTS". The table lists three players: Lucas with 500 points, Brady with 333 points, and Lily with 277 points. The background is dark blue.

Thank you!

We really appreciate your time~